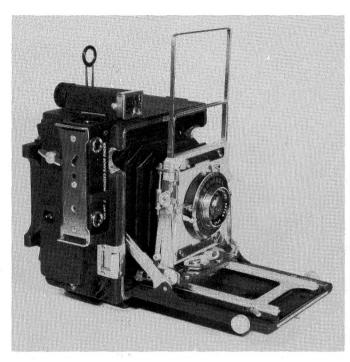
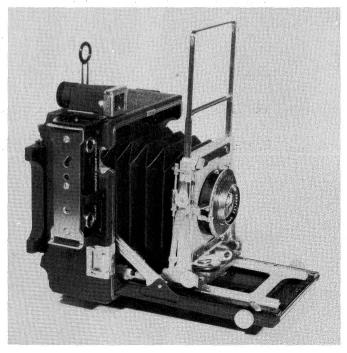
"34"

PACEMAKER SPEED & CROWN GRAPHIC PARTS LIST





GRAFLEX, INC. Rochester 8, New York

TABLE OF CONTENTS FOR SECTION 5

Maintenance text for the "34" Pacemaker Speed and Crown Graphic is contained in Section 6.

Title	age
Battery Case Mounting	2
Rangefinder Mounting	3
Camera - Basic	4
Cover Assembly - Shutter Plate	
Plate Assembly - Shutter Mechanism	
Standard Complete - Front	
Bed Complete	
Case Complete	
Back Complete - Graflok	
Back Complete Graphic	16
Back Complete Grafley	.8
Standard Hardware	20

PARTS LIST

The Group Assembly Parts Lists are listed in disassembly order. The list divides the components into major assemblies, their subassemblies and parts. By the use of indented columns, the relationship of the assemblies to the subassemblies and parts is obtained.

The column titled "Figure and Index No." contains the index number in disassembly order of the items illustrated. Do not use the figure or index number in correspondence... specify the catalog or part number and name.

The column titled "Part Number" contains the Graflex part and drawing number, or the catalog number of the item listed.

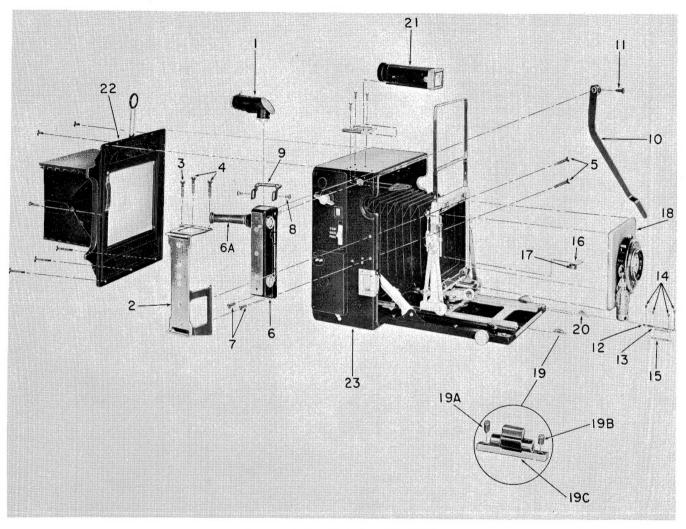
The column titled "Nomenclature" (including numbered columns) lists item nomenclature on the Graflex drawing. In this column the relationship of the item listed to the final assembly is indicated. If the nomenclature begins in the column marked "4", this item will be a component of the first assembly above which preceeds it in column marked "3". The assembly in the column marked "3" will be a component of the first assembly which preceded it in the column marked "2" etc.

The column titled "Units per Assembly" lists the quantity required at that assembly... it is not necessarily the total. When the quantity figure is omitted, the code "AR" or "NP" will appear. The code "AR" is used for bulk items when an indefinite amount may or may not be used "as required". The code "NP" is used for items that are part of a riveted assembly and the next higher assembly should be ordered as these parts are "not procurable".

The column titled "List Price" contains the list price for each item. The prices listed are for one item... not the quantity listed in the preceding column. When the price is omitted, the code "NP" will indicate that this part is "not procurable" and that the next higher assembly should be ordered.

INTRODUCTION

This section of the Graflex Service Parts Manual covers the Pacemaker Speed and Crown Graphic "34". The text and illustrations are aimed at the Speed Graphic; however, similiar parts found on the Crown Graphic are handled in a like manner. The Parts List illustrates and indexes the Speed Graphic, similiar parts for the Crown Graphic follow immediately in the text. REFER TO PART NUMBER, NOT INDEX NUMBER, IN CORRESPONDENCE AND ORDERS.



**Figure 1. Camera Complete

Figure and Index No.	Part Number		nits per ssembly	List Price			
		Camera - Pacemaker Speed Graphic "34"					
1-1	No number	. Focuspot Assembly	. 1 See	Price List			
Battery Case Mounting							
-2	Cat. #2753 31114-P1 31037-P1	Bracket - Battery case mounting and attaching parts Bracket - Outer	. NHA	Price List			

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.

State quantity. Prices subject to change without notice.

NHA - Next Higher Assembly

**"45" Pacemaker Graphic illustrated to show assembly of parts.

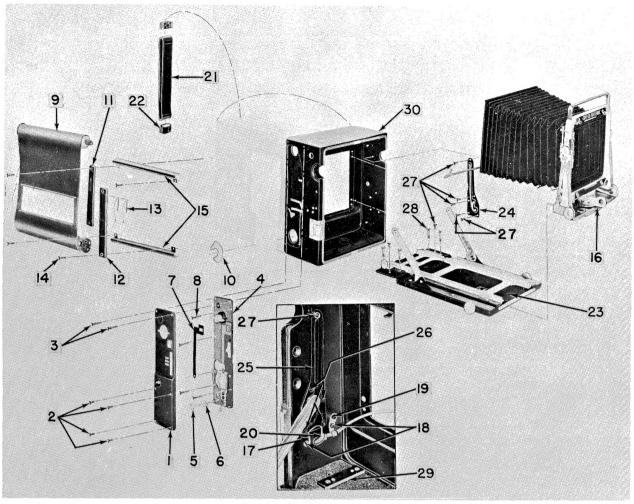
Figure and Index No.		nits per ssembly	List Price
	Attaching Dant	·	
	Attaching Part 104-4-3 Screw - Machine, 3/16 in. lg., #4-40 OH Steel, Chrome		
	plate	. 3	.01
	30473-P36 Washer - Flat, 0.250 in. OD, 0.115 in. ID, 0.025 in. thick fiber	. 3	.01

	31115-P1 Bracket - Battery case mounting	. NP	
1-3	152B4-8(S18) Screw - Wood, 1/2 in. lg., #4 slotted OH Brass, Ebonol	. 2	.01
-4	152B4-10(S18) Screw - Wood, 5/8 in. lg., #4 slotted OH Brass, Ebonol	. 1	.01
-5	101B4-9(S18) Screw - Machine, 9/16 in. lg., #4-40 FH Brass, Ebonol	. 2	.01
	Range Finder Mounting		
-6	. Range finder less attaching parts	. Ref	
-6A	No number Eyepiece - rubber extension	. Ref	
-7	31134(S18) . Screw - Special, 0.218 in. lg., #2-56 OH Brass, Ebonol		.01
-8	110B3R3(S18). Screw - Machine, 3/16 in. lg., #3-48 SS Bind H, Phillips	0	01
-9	Brass, Ebonol		.01 .95
-10	30769-G2 . Arm Assembly - Range finder		1.60
	Attaching Part		
-11	30776 Screw - Set, Range finder, 1/4 in. lg., #5-40 Hex H,		
	hanger point	. 1	.06
-12	30881-P7 Scale - Focusing, uncalibrated	1	.75
	(NOTE: Calibrated scales are not procurable	• •	
	separately they must be matched to actual		
4.0	lens focal length. See Section 101.)		
-13	30817-P1 Scale - Index (See Section 101)	. Ref	
-14	30819 Screw - Index and focus scale	. 4	.01
-15	30815 . Plate - Index scale clamp		.10

-16	31101-P1 Arm - Manual trip #3 shutter - 3-1/4x4-1/4 Graphic		.35
	31102-P1 Arm - Manual trip #2 shutter - 3-1/4x4-1/4 Graphic 31102-P2 Arm - Manual trip #1 shutter - 3-1/4x4-1/4 Graphic		.35 .35
-17	107-2-2 Screw - Machine, 1/8 in. lg., #2-64 O Fil H Steel,		.00
	Chrome plate	. 1	.01
-18	Lensboard & shutter	. 1	
	30655-G1 . Stop Assembly Complete - Infinity		.60
-19A -19B	30661 Screw - Infinity stop - pointed (rear)		.03 .03
-19C	30655-P1 . Stop Assembly - Infinity		.60
-21	30700-G1 . View finder Complete (See Figure 11)		
-22	30313-G2 . Back Complete - 3-1/4x4-1/4 Graphic (See Figure 9)		
	Excluding panel and hood, for Speed	. Ref	Obsolete
	30313-G6 . Back Complete - 3-1/4x4-1/4 Graphic, Excluding panel and hood, for Crown	. Ref	order Graflok
	30927-G4 . Back Complete - 3-1/4x4-1/4 Graflex (See Figure 10)	. 1161	GIAIION
	Excluding panel and hood, for Speed	. Ref	
	30927-G1 . Back Complete - 3-1/4x4-1/4 Graflex, Excluding panel		
	and hood, for Crown	. Ref	
	31709-G9 . Back Complete - 3-1/4x4-1/4 Graflok (See Figure 8) for Speed	. Ref	
	31709-G12 Back Complete - 3-1/4x4-1/4 Graflok, for Crown	. Ref	
	, , , , , , , , , , , , , , , , , , , ,	-	

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.
State quantity. Prices subject to change without notice.

NP - Non Procurable



**Figure 2. Basic Camera

Figure and Index No.	Part Number		nits per sembly	List Price
	30654-G2	Camera - Basic, 3-1/4x4-1/4 Speed Graphic (See Figure	Dof	
	30751-G2	1-23)	. Ref	
2-1	30351-G2	. Cover Assembly - Shutter plate (See Figure 3)		2.60
	Attachi	ng Part		
-2	104B1-3	. Screw - Machine, 3/16 in. lg., #1-64 OH Brass, (L-26 finish		
		head only)	. 4	.01
-3	152B1-8	. Screw - Wood, 1/2 in. lg., #1 OH Brass, (L-26 finish		
		head only)	. 2	.01

-4	30652-G2	. Plate Assembly - Shutter mechanism (See Figure 4)	. 1	26.00
	Attachi	ng Part		
-5	30213-P1	. Screw - Shaft retainer	. 1	.05
-6	30212-P1	Retainer - Tension shaft		.02
-7	30346-P1	. Slide - Dial		.15
-8	150B1-8	. Screw - Wood, 1/2 in. lg., #1 FH Brass		.01
·	***			
-9	30350-G2	. Curtain & Rollers Complete	. 1	14.80
Ü		ng Part	• -	
-10	30698	. Seal - Tension roller (on older models)	. 1	.0 5

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME. State quantity. Prices subject to change without notice. NP - Non Procurable

Figure and Index No.		Units per Assembly	List Price
	30473-P15 . Washer - Flat, 0.287 in. OD, 0.147 in. ID, 0.010 in. thick		
	Brass	AR	.01
	Brass	AR	.01
	30211-G3 . Roller Assembly - Tension	. •	4.85
	30211-G3 . Roller Assembly - Tension		3.35
	30409-G2 Curtain Assembly	1	6.00
	31112 Contact Curtain		.05.
	30880 . Bearing - Roller (for replacement use 30192-P1 or P2) 30192-P1 . Bearing - Roller (Selected fit) 0.359 in. lg. (See Figure	NP	
	7-17) (for replacement of 30880 only) 30192-P2 Bearing - Roller (Selected fit) 0.389 in. lg. (See Figure	AR	.60
	7-17) (for replacement of 30880 only)	AR	.60
	152B2R4 . Screw - Wood, 1/4 in. lg., #2 OH Phillips drive, Brass,		
	Chrome (See Figure 7-18) (for replacement		
	purposes only)	AR	.01
	30885-G2 . Frame and Contact Assembly (not shown)	1	5.25
	150B2-12 . Screw - Wood, 3/4 in. lg., #2 FH Brass	4	.02
	30826-G1 Frame (not shown)	1	3.75
2-11	30584-P1 Block - Left		.35
-12	30887-P1 Block - Right		.35
-13	30573 Contact - Spring finger	2	.04
-14	Attaching Part 150B2-8 Screw - Machine, 1/2 in. lg., #2 FH Brass, Ebonol	4	.01
-15	30633-P1 Guide - Curtain	2	.20
	150B0-3 Screw - Wood, 3/16 in. lg., #0 FH Brass, Ebonol	6	.01
	30889-P2 Contact - Long	1	.10
	30898 Contact - Frame		.05
	Attaching Part 151B1-3 Screw - Wood, 3/16 in. lg., #1 RH Brass	9	.01
	***	4	.01
-16	30538-G3 . Standard Complete - Front (See Figure 5) Speed Graphic 30538-G4 . Standard Complete - Front - Crown Graphic		39.60 39.60
-17	Attaching Part 31189 . Spring - Cable release	1	.20
-18	151-1-3(S7) . Screw - Wood, 3/16 in. lg., #1 RH Steel, Jetal		.01
-19	151-2-3 (P21). Screw - Wood, 3/16 in. lg., #2 RH Steel, Cadmium plate	1	.01
-20	30949 . Screw - Cable release	1	.01
21	*** -33779-G1M Handle Assembly	1	3.00
	33779-G1 Handle Complete	1	1.85
-22	33779-P3 Loop - Strap (Included with 33779-G1)	2	
-23	30586-G1 . Bed Complete (See Figure 6)	1	38.00
-24	Attaching Part 30718-P1 . Plate - Left - Bed brace	1	50
-2 4 -25	30718-P1 . Plate - Left - Bed brace		.50 .50
-26	150B2-3(S18). Screw - Wood, 3/16 in. lg., #2 FH Brass, Ebonol (For		.00
	attaching 30718-P2)	4	.02
-27 -28	150B2-4(S18). Screw - Wood, 1/4 in. lg., #2 FH Brass, Ebonol	8	.02
-20	31925-P2 . Screw - Yoke guide, case	4	

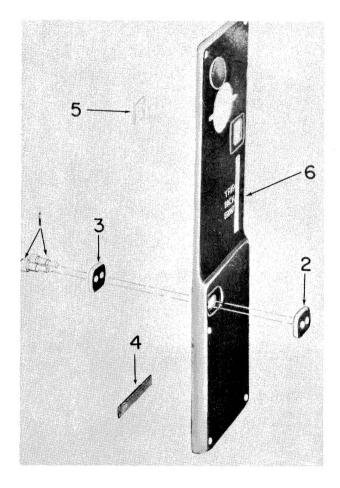
DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.

State quantity. Prices subject to change without notice.

NP - Non Procurable

AR - As Required

Figure and Index No.		1	2	2 3	3 4	1 5		Nome	nclatur	e			_	ts per embly	List Price
2-29	30488-P1 30488-P2 30488-P3		S	Shi	m	- Yok	e guide,	case,	0.060	in.	thick	 	 	AR	.01 .01 .01
-30	30559-G2 30559-G5														



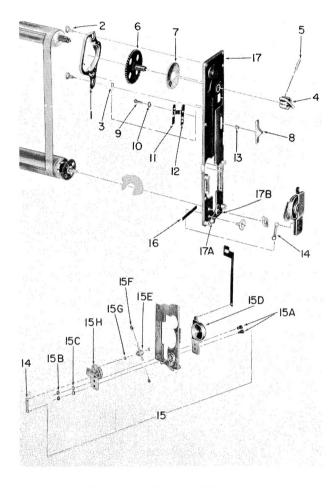


Figure 3. Shutter Cover Plate

Figure 4. Shutter Plate

3-1 -2 -3 -4 -5 -6	30351-G2 30359-P1 30357 30358 30846 30356 30354-P1	Cover Assembly - Shutter plate (See Figure 2-1) Stud - Receptacle contact Insulator - Receptacle Washer - Receptacle Seal - Dust Window - Shutter plate Cover - Shutter plate	2 1 1 1	.10 .05 .05 .05
		SHUTTER PLATE		
4-1	30652-G2 30185-G1	Plate Assembly - Shutter mechanism (See Figure 2-4)		.65

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME. State quantity. Prices subject to change without notice.

NP - Non Procurable

AR - As Required

Figure and Index No.	Part Nomenclature Number 1 2 3 4 5	Units per Assembly	List Price
4-2	Attaching Part 31087-P1 . Screw - Escapement	2	.08
-3	*** 30186 . Spring - Escapement		.04
	30652-G2N . Winding key and master gear assembly		4.60
-4	30681-G1 Key Assembly - Winding	1	.95
-5	30663-P1 Pin - Taper, standard $\#5/0$, 0.092 in. dia x $7/16$ in. lg.		01
	Stainless Steel	1	.01
-6	30513-G1 Gear Assembly - Master	NP	
-7	30504-P5 . Dial - Shutter		.60
-8	30297-P1 . Slide - Shift		.40
	Attaching Part		
-9	102-2-5 . Screw - Machine, 5/16 in. lg., #2-56 RH Steel	1	.01
-10	221-2 . Washer - lock, 3/16 in. OD, 0.086 in. ID, 0.012 in. thick		
	Steel, Jetal (S7)	1	.01
-11		1	.15
-12	30303-P2 . Spring - Shift slide	–	.50
-13	30298-P1 Spacer - Shift slide		.04
-14	30340 . Spring - Governor		.05
-15	30459-G3 Governor Complete		8.50
-15A	110B2-4 Screw - Dowel, 1/4 in. lg., #2-56 SS Bind H, Brass	2	.02
-15B	200-2H Nut - Machine, #2-56 Hex Brass, Jetal (S7)		.01
-15C	221-2 Washer - Lock, 3/16 in. OD, 0.086 in. ID. 0.012 in, thi	.ck	
	Steel, Jetal (S7)		.01
150	30344 Spacer - Governor		
-15D	30682-G1 Bracket Assembly - Top		
-15E	30458-G1 Pinion Assembly - Governor		
-15F	30454 Shoe - Governor		
-15G	30473-P1 Washer - Flat, 5/32 in. OD, 0.067 in. ID, 0.005 in. thic		
-15H	30343-G1 Bracket Assembly - Bottom		
-1011	30335-G1 Idler Assembly - Governor		
	30683-G1 Bracket & Bearing Assembly - Bottom		
	30338 Stud		
	30685-P1 Pin		
-16	30301 . Strip - Light seal		.02
-17	30348-G3 . Plate Assembly		6.00
-17A	30315-G1 Lever Assembly - Retard cam		.50
	Attaching Part		
-17B	30318 Stud	1	.03
		NID	
	30184-P1 Post - Escapement spring		
	30345-P1 . Post - Governor spring		
	30191 . Bearing - Gear roller		
	OULD - GOAL LOHOL		

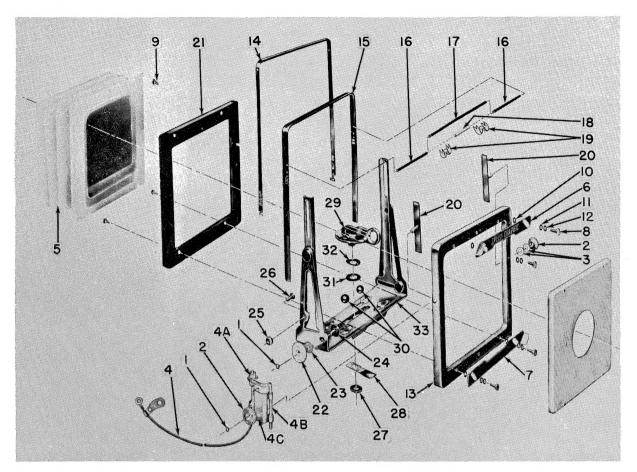


Figure 5. Front Standard

Figure and Index No.	Part Number	Nomenclature 1 2 3 4 5	Units per Assembly	List Price
5-1 -2 -3	30538-G3 30538-G4 30442-P1 30444-P1 30473-P6	Standard Complete - Front (See Figure 2-16) Speed Graphic Standard Complete - Front, Crown Graphic	Ref	.25
-4 -4A -4B	30798-G3 30843-P1 31097-P1	fiber	$\begin{array}{ccc} \dots & 1 \\ \dots & 2 \end{array}$.01 3.50 .14 .20
-4C	31098-P1	Bracket - Manual trip	1	.30
	30839 30844-P1 30841 30840-P1 30836-P3	. Body - Cable release Stem - Cable release Spring - Cable	NP NP NP	.25
	30792-P1 30837-P3 30857	ng Part Clip - Cable release	NP	
-5	31062-G1 31183-P1 31183-P2 31183-P3	Bellows Assembly - Second	1	12.25 .08 .08 .08

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.

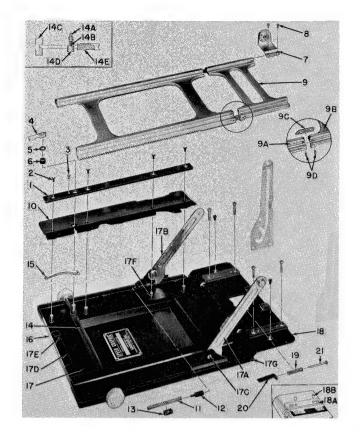
State quantity. Prices subject to change without notice.

NP - Non Procurable

	<u> </u>			
Figure and	Part	Nomenclature	Units per	List
Index No.	Number	1 2 3 4 5	Assembly	Price
	Attachi	ng Part		
	31149-P1	Strip - Cable release hanger, 3-1/2 in. lg	1	.08
	31149-P2	Strip - Cable release hanger, 2-3/4 in. lg		.08
	31149-P3	Strip - Cable release hanger, 2-3/8 in. lg		.08
	30671-G1	. Bellows Assembly	NP	•00
	30538-G3T	. Front Standard Assembly - 3-1/4x4-1/4 Speed Graphic	1	24.00
	30538-G4T	Front Standard Assembly - 3-1/4x4-1/4 Crown Graphic	1	24.00
	30538-G3N	. Frame Assembly - Front standard, 3-1/4x4-1/4 Speed	•••	21.00
	00000 G010	Graphic	1	10.80
	30538-G4N	Frame Assembly - Front standard, 3-1/4x4-1/4 Crown		10.00
	00000 0111	Graphic	1	10.80
5-6	30471-P2	Lock - Lensboard, upper, Speed Graphic		.65
0-0	30471-P3	Lock - Lensboard, upper, Crown Graphic		.65
-7	30471-P3	Lock - Lensboard, lower		.65
-•	Attachi		1	.03
-8	30401-P1	Screw - Slidelock	4	.08
-9	30377-P1	Nut - Slidelock		.05
-10	30473-P2	Washer - Flat, 7/32 in. OD, 0.089 in. ID, 0.010 in.	4	.05
-10	30413-P2	thick Chairless Charles	4	01
11	20472 730	thick Stainless Steel	4	.01
-11	30473-P20	Washer - Flat, 0.203 in. OD, 0.117 in. ID, 0.010 in.	4	01
10	20E40 D2	thick Stainless Steel	4	.01
-12	30540-P3	Washer - Spring, 0.203 in. OD, 0.117 in. ID, 0.031 in.	4	0.0
	***_	thick Stainless Steel	4	.02
10			_	1.00
-13	30538-G3M	Frame - Outer front assembly	1	1.60
	31923-G2	Finder Complete		4.75
-14	30812-G1	Finder Assembly		2.25
-15	30675-G2	Frame - Finder		2.35
-16	30378-P3	Plunger - Finder		.02
-17	30404-P3	Sleeve - Finder lock spring		.15
-18	30438	Spring - Finder		.05
-19	30719- ₽1	Bracket - Plunger		.08
-20	30425-G1	Plate Assembly - Front frame clamp		.50
-21	30386-P1	Frame - Inner front		1.00
	30538-G3S	Standard support assembly Complete		13.25
-22	30436-P1	Knob - Support locking	2	.25
-23	30473-P7	Washer - Flat, 0.312 in. OD, 0.128 in. ID, 0.012 in.		
		thick fiber	2	.01
-24	30543-P1	Screw - Support locking	2	.35
	30473 - P22	Washer - Flat, 0.375 in. OD, 0.218 in. ID, 0.010 in.		
		thick fiber	4	.01
-25	30440-P1	Nut - Front standard eccentric	2	.25
-26	30441-P1	Eccentric - Front standard	2	.25
-27	30553-P1	Nut - Special	1	.08
-28	30541-P1	Spring - Shift locking		.32
-29	30537-G3	Lever Assembly		2.00
-30	30539-P4	Ball - Steel, 0.250 in. dia	2	.01
-31	30473-P9	Washer - Flat, 17/32 in. OD, 0.265 in. ID, 0.032 in.		
		thick Brass	1	.03
-32	30540-P1	Washer - Lever Assembly - spring, 17/32 in. OD,		
		0.265 in. ID, 0.007 in. thk 5/16 in radius Spring		
		Steel	1	.03
-33	30538-G3R	Standard Support Assembly	1	8.00
		The state of the s		

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME. State quantity. Prices subject to change without notice.

NP - Non Procurable



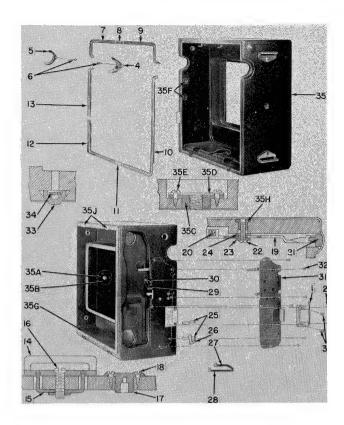


Figure 6. Bed Complete

Figure 7. Case Complete

Figure and	Part	Nomenclature	Units per	List
Index No.	Number	1 2 3 4 5	Assembly	Price
	30586-G1	Bed Complete (See Figure 2-23), Speed Graphic	1	38.00
	30586-G3	Bed Complete (See Figure 2-23), Crown Graphic		38.00
6-1	30626-P1	. Guide, left - Bed section		1.00
	30626-P2	. Guide, right - Bed section		1.00
	Attachi			
-2	100B2-4(S18	3). Screw - Machine, $1/4$ in. $lg.$, $#2-56$ FH Brass, Ebonol	8	.01
	31089-P4	. Screw - Machine, special, 1/4 in. lg., #2-56 Bind H,		
		Brass, Black lacquer	8	.02
	***_			
-3	31246-P2	. Screw - Special Fil H		.01
-4	30629 - P1	. Lever - Yoke lock	1	.35
-5	30473-P11	. Washer - Flat, 9/32 in. OD, 0.177 in. ID, 0.010 in. thick		
		Brass, White nickel (P15)		.01
-6	30628	. Sleeve - Yoke lock	1	.05
	34617-G3	. Yoke Assembly - Complete	1	15.75
-7	30775-G2	Bracket Assembly - Range finder	1	1.00
	Attachi	ng Part		
-8	30830	Screw - Machine, 0.145 in. lg., #1-64 FH Brass, Chrome	e 2	.05

	30655-G1	Stop Assembly - Right, infinity		.60
	30655- G2	Stop Assembly - Left, infinity		.60
	30661	Screw - Infinity stop, pointed (rear)		.02
·	30 662	Screw - Infinity stop, flat		.02
	30655-P1	Stop Assembly - Infinity		.55
	30817-P2	Scale - Index	1	.10
	30815	Plate - Index scale	1	.10

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.

State quantity. Prices subject to change without notice.

AR - As Required

Figure and	Part Nomenclature	Units per	List
Index No.	Number 1 2 3 4 5	Assembly	Price
	Attaching Part		
	30819 Screw - Scale	2	.01
•	***		
6-9	30596-G2 . Yoke Assembly		14.75
-9A	30598-P1 Yoke - Bed section		9.25
-9B	30600-P1 Yoke - Case section		4.00
	30605 Pin - Front standard stop	_	.01
-9C	30602 Link - Yoke		.10
-9D	30603 Pin - Yoke link,		.01
	30619-P3 . Block - Left ped, Speed Graphic		1.65
	30619-P4 . Block - Left bed, Crown Graphic		1.65
-10	30620-P3 Block - Right bed, Speed Graphic		1.65
	30620-P4 Block - Right bed, Crown Graphic		1.65
-11	30616 . Spring - Bed brace	_	.08
-12	31766-P1 . Plunger - Bed brace	2	.08
	Attaching Part		00
-13	31271 . Clip - Spring retaining	2	.08
	***		0.05
-14	30586-G2M . Shaft Assembly - Pinion		3.85
-14A	170D3-3 Screw - set, 3/16 in. lg., #3-48 slotted, flat point, Ste		00
	Nickel plate	_	.02
-14B	30630 Pad - Yoke lock	_	.02
-14C	30612-P1 Knob - Focusing		.30
-14D	30607-P1 Post - Yoke lock		.40
-14E	30606-P2 . Pinion - Focusing		2.25
-15	30610 . Spring - Focusing pinion		.05
-16	31730-P2 . Escutcheon - Bed		.10
-17	34615-G3 . Bed Assembly - Second		10.75
-17A	30421-G1 . Brace Assembly - Left		1.50
-17B	30421-G2 . Brace Assembly - Right	1	1.50
150	Attaching Part	9	0.0
-17C	30623-P1 Rivet - Bed brace assembly	2	.08
		. 1	1.35
150	32670-P1 Covering - Vinyl	$\begin{array}{cccccccccccccccccccccccccccccccccccc$.10
-17D	30506 Catch - Bed	1	.10
1.77	Attaching Part	2	.01
-17E	30948 Rivet - Bed catch	4	.01
	33903-P3 Name Plate	NP	
	Attaching Part		
	30363-P22 Rivet - hollow type - special	NP	
	***	ME	
	31096-G2 Bed Assembly - First	1	6.00
-17F	30915-P1 Bushing - Guide & block screw		.03
-111	30588-P1 Bed		.00
	Attaching Part		
-17G	30172-P24 Pin - Hinge, 4.035 in. lg., 0.0475 in dia., Steel, Jeta	ıl 1	.08
-110	***		
-18	30586-G1R . Hinge Assembly	1	1.50
10	30590-P1 Guide - Left - Case section	–	
-18A	30590-P2 Guide - Right - Case section		
2011	Attaching Part		
-18B	30685-P2 Pin - Dowel 0.082 in. +.0003 in. x 0.195 in. lg. Stainless	5	
202	Steel	4	.01
	***	· · · · · -	
	30434-P1 Hinge - Bed	NP	
-19	30639 . Spring	• • • • = • •	.05
-20	30637 . Slide		.16

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME. State quantity. Prices subject to change without notice.

Figure and Index No.	Part Nomenclature Number 1 2 3 4 5	Units per Assembly	List Price
6-21	Attaching Part 30638-P1 . Pin - Escutcheon	1	.01
	CASE COMPLETE		
7-1	30559-G2 Case Complete - 3-1/4x4-1/4 Speed Graphic (See Figure 2-37) 30559-G5 Case Complete - 3-1/4x4-1/4 Crown Graphic	Ref	1.00
-2	Attaching Part 152B1R4 . Screw - Wood, 1/4 in. lg., #2 OH Brass, Chrome plated,		
-3	Phillips drive		.03 .07
-4 -5	30647-P1 . Escutcheon. left - Focusing knob (Crown requires 2) 31135-P1 . Escutcheon, right - Focusing knob (Speed only)		.25 .25
-6	Attaching Part 30638-P2 . Pin - Escutcheon, 0.042 in. dia x 1/4 in. lg., Ebonol (S18)***	2	.01
-7 -8	30645-P4 . Moulding - Upper right	1	.65 .10
-9 -10 -11	30645-P3 . Moulding - Upper left. 30761-P1 . Moulding - Lower left 30640-P1 . Plate - Moulding, bottom	1	.65 .80 .10
-12 -13	30762-P1 . Moulding - Lower right	1	.65 .60
-14	30374-P1 Bracket - Handle	2	.40
-15 -16	30375-P1 . Nut - Handle bracket		.10
	Brass, Chrome plate		.05
-17	30882 Bearing - Roller (for replacement use 30192-P1 or P2) 30192-P1 Bearing - Roller, Selected fit 0.359 in. lg. (for replacement		40
	of 30882 only)		.60 .60
-18	Attaching Part 152B2R4 . Screw - Wood, 1/4 in. lg., #2 OH Phillips drive, Brass,	AR	.00
	Chrome plate (for use with 30192-P1 or P2)	AR	.01
-19	30511-P2 . Latch - Bed		.25
-20	30664 . Spring - Bed latch		.05
-21	30507 Button - Bed release	1	.05
-22	102B3-4(S18). Screw - Machine, 1/4 in. lg., #3-48 RH Brass, Ebonol	2	.01
	221-3 . Washer - Lock, 7/32 in. OD, 0.099 in. ID, 0.016 in. thick Steel	2	.01
-23	30473-P44 . Washer - Flat, 0.250 in. OD, 0.099 in. ID, 0.025 in. thick Brass	2	.01
-24	30508 . Collar - Bed latch insert		.02
-25	30820 . Contact - Case		.05
-26	30821 . Contact - Receptacle		.05
-27 -28	30563-P1 . Contact - Switch, short	1	.15 .15

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME. State quantity. Prices subject to change without notice.

NP - Non Procurable

AR - As Required

Figure and Index No.	Part Number		Units per Assembly	List Price
	150B0-3 151B0-2	ching Part Screw - Wood, 3/16 in. lg., #O FH Brass Screw - Wood, 1/8 in. lg., #O RH Brass**		.01 .01
7-29	30303-P1	. Spring - Shift slide, case	1	.15
-30	150B1-3	. Screw - Wood, 3/16 in. lg., #1 FH Brass	1	.01
-31	30524-G1 30875-G1	. Plate Assembly - Body release, Speed Graphic		9.25 7.20
-32	150B1-6	. Screw - Wood, 3/8 in. lg., #1 FH Brass	6	.02
	30532-G1 32666-P1 30559-P81	** . Slide Assembly - Release	AR	2.25 2.25
-33 -34	30746-P1 30745-P1 200-3S	Foot Case, Speed Graphic	2	.25 .25 .03
-35	30693-G1 30697-G1	Case Assembly - Speed Graphic	NP	.20
-35A	30372-P2	Socket - Tripod, side	1	.20
-35B	150B2-4	ching Part Screw - Wood, 1/4 in. lg., #2 FH Brass Ebonol (S 18)	3	.01
-35C -35D	30372-P1 30721	Socket - Tripod, bottom	1	.20 .05
-35E	151B2-4	Screw - Wood, 1/4 in. lg., #2 RH Brass, Ebonol	3	.01
-35 F -35 G	31186 30673-P2	*** . Insert - Battery case mounting	2	.08 .04
-35 H -35 J	31905-P1 *30370	Insert - Bed latch	$\begin{array}{ccc} \cdot \cdot & 2 \\ \cdot \cdot & 2 \end{array}$.05 .10 .05
		Insert - Back mounting, top, Speed Graphic only ching Part		
	*150B2-3	Screw - Wood, 3/16 in. lg., #2 FH Brass, Ebonol	4	.03

*NOTE: Part No. 30370, Lug, is for older 3-1/4x4-1/4 Speed Graphic and has been replaced with Insert, part no. 30673-P5 on the newer cameras. Screws 150B2-3 are needed only when Lug, part no. 30370 is used.

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME. State quantity. Prices subject to change without notice.

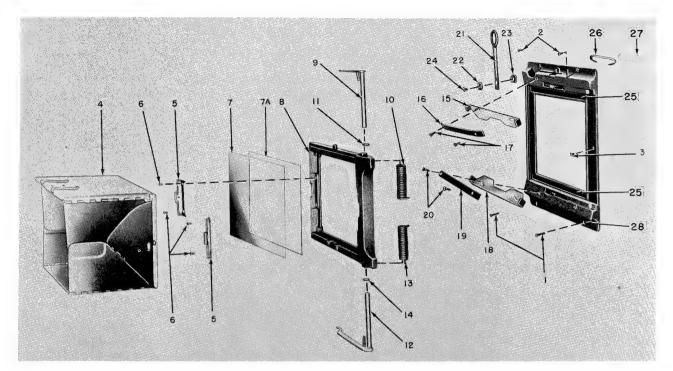


Figure 8. Graflok Back

Figure and Index No.	Part Number		Units per Assembly	List Price
	31709-G3	Back Complete - Graflok - 3-1/4x4-1/4 Speed Graphic with Ektalite, including panel & hood	Ref	
	31709-G4	Back Complete - Graflok - 3-1/4x4-1/4 Crown Graphic with Ektalite, including panel & hood	Ref	
8-1	30921-P7	Ching Parts		
0-1	30921-P1	Screw - Self tapping, 1/2 in. lg., #2 O Bind H, Steel, Jetal (S-7) for Speed Graphic	2	.01
-2	30921-P6	. Screw - Self tapping, 3/16 in. lg., #2 O Bind H, Steel,		
		Jetal (S-7) for Speed Graphic	2	.01
-1 & 2	30921-P6	. Screw - Self tapping, 3/16 in. lg., #2 O Bind H, Steel,		
		Jetal (S-7) for Crown Graphic		.01
-3	150B1-6	. Screw - Wood, 3/8 in. lg., #1 FH Brass, Ebonol	1	.01
			7 . (
-4	Cat. #9146	. Hood Assembly		
	31715-G2	Frame Assembly - Without Ektalite (replace with Cat. #9280		
	Cat. #9280	. Frame Assembly - With Ektalite (less hood)	_	
-5	30371-P1	Retainer	2	.06
_		ching Part		01
-6	100-2-3	Screw - Machine, 3/16 in. lg., #2-56 FH Steel, Jetal (S-7). 4	.01
_		**	4	1 10
-7	30414-P3	Screen - Ground Glass focusing		1.10 4.50 3 - 15
-7A	30414-P4		1	4.50 3 5
-8	31922-P1	the state of the s	NID	
	04000 70	part #30414-P4)		6.00
	31922-P2	Frame - For Ektalite		.90
-9	31717-G4	Arm Assembly - Upper		.90 .25
-10	31919-P1	Spring - Upper	1	.40

NOTE: The Ektalite screen can be used only on Frame #31922-P2 and as a part of Frame Assembly Catalog #9280.

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.

State quantity. Prices subject to change without notice.

NP - Non Procurable

Figure and	Part	Nomenclature	Units per	List
Index No.	Number 1 2	3 4 5	Assembly	Price
8-11	30473-P52	Washer - Flat, 0.312 in. OD, 0.189 in. ID, 0.010 in. thick Brass, Ebonol (S-18)		.01
-12	31717-G3	Arm Assembly - Lower		.90
-13		Spring - Lower		.25
-14	30473-P52	Washer - Flat, 0.312 in. OD, 0.189 in. ID, 0.010 in. thick	k -	
		Brass, Ebonol (S-18)	1	.01
	31710-G2 . Ba	ack Assembly - Excluding panel & hood		14.65
-15		Slidelock - Upper		.95
-16		Spring		.12
	Attaching			
-17		Screw - Slidelock special	2	.12

-18	‡31920-P1	Slidelock, Lower	1	.95
-19		Spring		.12
	Attaching	Part		
-20	30939-P1	Screw - Slidelock special	2	.12

-21		Peepsight Assembly	1	.50
2.2	Attaching			
-22		Cap		.16
-23		Washer - Flat		.03
-24	104B6-4	Screw - Machine, 1/4 in. lg., #6-32 OH, Brass, chrome		
		plate	1	.10

-25		Strip - Light seal		.10
		Back Assembly - First		4.85
-26		. Spring		.07
-27		. Plate		.04
-28	31921-P1	. Back	NP	

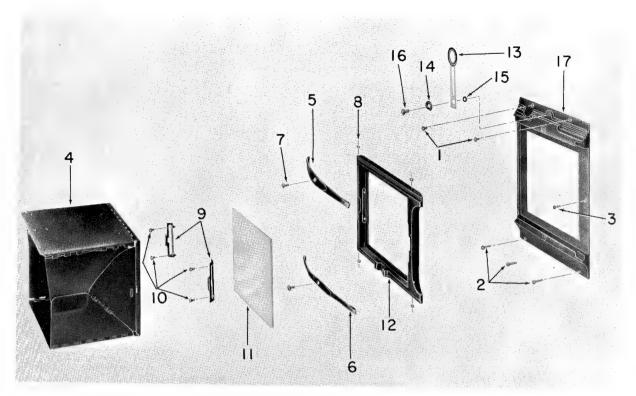


Figure 9. Graphic Back

Figure and Index No.	Part Number	Nomenclature 1 2 3 4 5	Units per Assembly	List Price
	30313-G2 30313-G6	Back Complete - 3-1/4x4-1/4 Speed Graphic (See Figure 1-22 Back Complete - 3-1/4x4-1/4 Crown Graphic	NP	Obsolete Order Graflok
9-1	30921-P6	. Screw - Self tapping, 3/16 in. lg., #2 O Bind H, Steel,		
		Jetal (S-7) for Speed	2	.01
-2	30921-P7	. Screw - Self tapping, 1/2 in. lg., #2 O Bind H, Steel,		
4 0 0	20004 72	Jetal (S-7) for Speed	2	.01
-1 & 2	30921-P6	. Screw - Self tapping, 3/16 in. lg., #2 O Bind H, Steel,		
-3	150B1-6	Jetal (S-7) for Crown	4	.01
· ·	10001-0	Speed and Crown	1	.01
	#	***		.01
-4	Cat. #9146	. Hood Assembly	Ref	
-5	30415-G7	. Spring Assembly - Focusing frame, top	1	.48
-6	30415-G8	. Spring Assembly - Focusing frame, bottom	1	.48
		ching Part		
-7	31270-P1	. Screw - Sems unit fastener (washer with screw, 5/16 in. lg.	• •	
		#4-40)	2	.03
-8	30473-P1	. Washer - Flat, focusing frame spring, 5/32 in. OD,		
		0.067 in. ID, 0.005 in. thick Brass, (Ebonol (S-18).	2	.01
	30405-G8	Frame Assembly Complete - Focusing (with Ektalite)	1	10.50
0	30405-G6	. Frame Assembly Complete - Focusing (without Ektalite)	1	6.00
-9	30371-P1	Retainer - Hood Assembly	2	.07
10	100-2-3	ching Part		
, -10	100-2-3	Screw - Machine, 3/16 in. lg., #2-56 FH Steel,		0.4
	*	Jetal (S-7)	4	.01
		* * • • • • • • • • • • • • • • • • • •		

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME. State quantity. Prices subject to change without notice.

NP - Non Procurable

Section 5 Group Assembly Parts List

Figure and Index No.	Part Number	1	2	3	4		Inits per ssembly	List Price
9-11	30414-P3 ‡30414-P4					en - Ground glass focusing		1.10 4.50
-12	30405-G6M 30405-G8M 30310-G2			F	rai	ne Assembly - Focusing (for use with Ektalite) ne Assembly - Focusing (for ground glass only) ssembly	. 1	5.00 5.00 7.35
-13	30369-G2 Attac			P	eeį	sight Assembly		.50
-14	30366			C	ap	- Peepsight	. 1	.16
-15 -16	30368 104B6R4			W	as	ner - Peepsight		.03
	*	* *_				Phillips head	. 1	.04
-17	30364 30367 30311-P1			S	ori	e - Peepsight spring	. 1	.04 .07

‡Note: The Ektalite Screen can be used only with Frame Assembly #30405-G8.

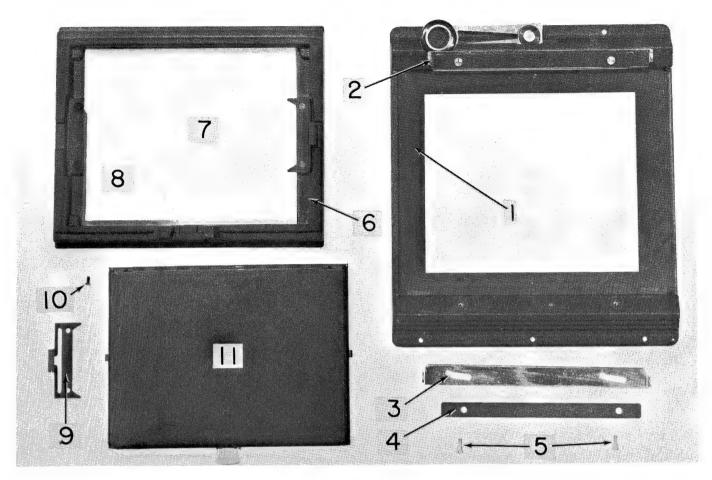


Figure 10. Graflex Back

Figure and Index No.	Part Number		nits per ssembly	List Price
	30927- G 5	Back Complete - Graflex - 3-1/4x4-1/4 Speed Graphic,	Dof	
	30927- G 2	excluding panel & hood	. Rei	
	30921-G2	excluding panel & hood	. Ref	
	Atta	ching Part		
	30921-P6	. Screw - Self tapping, 3/16 in. 1g., #2 O Bind H, Steel,		
		Jetal (S-7) for Speed Graphic	. 2	.01
	30921-P7	. Screw - Self tapping, 1/2 in. lg., #2 O Bind H, Steel,	0	01
	00004 70	Jetal (S-7) for Speed Graphic	. 2	.01
	30921-P6	. Screw - Self tapping, 3/16 in. lg., #2 O Bind H, Steel, Jetal (S-7) for Crown Graphic	. 4	.01
	30924 Pt 1 3 0020 - P1	**		- 0-
10-1	3 9939 P1	. Back		5.65
-2	30938-P1	. Slidelock - Top	. 1	1.00
-3	30938-P2	. Slidelock - Bottom		1.00
-4	30937-P1	. Spring - Slidelock	. 2	.40
	Atta	ching Part	_	
-5	30939-P1	. Screw - Slidelock	. 4	.12
	*	**		
	†30369-G2	. Peepsight Assembly	. 1	.50

†NOTE: See Figure 8 for these parts.

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME. State quantity. Prices subject to change without notice.

Section 5 Group Assembly Parts List

Figure and Index No.	Part Number	Nomenclature 1 2 3 4 5	Units per Assembly	
			Assembly	File
	Atta	ching Part		
	†30366	. Cap	1	.16
	†30368	. Washer - Flat	1	.03
	104B6R4	. Screw - Machine, 3/16 in. lg., #6-32 OH Phillips drive,		
		Brass, Chrome plate	1	.04
	*	***		
	†30367	. Spring - Peepsight	1	.07
	†30364	. Plate - Peepsight spring	1	.04
	30934-G2	Panel Complete - Graflex focusing, without Ektalite, including	g	Order
		hood	NP	Cat. #9045
	Cat. #9045	Panel Complete - Graflex focusing, with Ektalite, including		
		hood	Ref	
	30932 - P1	. Frame - Focusing - for use without Ektalite (replace with		
		part #30932-P2)	NP	
10-6	30932 - P2	. Frame - Focusing - for use with Ektalite	1	5.00
-7	30414-P3	. Screen - Focusing	1	1.10
-8	*30414-P4	. Screen - Ektalite	1	4.50
-9	30371-P1	. Retainer - Hood Assembly	2	.07
	Atta	ching Part		
-10	100-2-3	. Screw - Retainer	4	.01
		**		
-11	Cat. #9146	. Hood Assembly	Ref	

^{*}NOTE: The Ektalite screen can be used only on Frame part #30932-P2 and as a part of Focusing Panel, Cat. #9045

†NOTE: See Figure 8 for these parts.

Part No.	Finish	Use	Fig. Ref.	Qty.	Description [Net per 25
Sta	ndard S	crews				
100-2-3	S-7	Holds ground glass retainer to back frame	8-6 9-10 10-10	4 4 4	#2-56 FH 3/16"	.20
100B2-4	S-18	Holds yoke guide to bed	6-2	8	#2-56 FH 1/4"	.20
101B4-9	S-18	Holds Graflite encircling bracket to camera	1-5	2	#4-48 FH 9/16"	.20
102B3-4	S-18	Holds bed latch into case	7-22	2	#3-48 RH 1/4"	.20
102-2-5		Holds shift slide in place	4-9	1	#2-56 RH 5/16"	.20
104B1-3	L-26	Holds shutter plate to camera	2-2	4	#1-64 OH 3/16"	.20
104-4-3	Chrome	Graflite mounting bracket	1-	3	#4-40 OH 3/16"	.2 0
104B6-4	Chrome	Holds peepsight to camera back	8-24	1	#6-32 OH 1/4" Phillip	s.40
104B6R4	Chrome	Holds peepsight assembly to back	10- 9-16	1 1	#6-32 OH 1/4" Phillip	os .60
104B6R8	Chrome	Handle bracket screw	7-16	2	#6-32 OH 1/2" Phillip	os .80
107-2-2	Chrome	Holds manual trip arm to manual trip rod	1-17	1	#2-56 O Fil H 1/8"	.20
110-2-2	Chrome	Holds objective lens cap to viewfinder housing	10-	2	#2-56 SS Bind H 1/8"	.20
110B2-4		Holds governor mechanism together	4-15A	2	#2 SS Bind H 1/4"	.40
110B3R3	S-18	Rangefinder mounting	1-8	2	#3-48 SS Bind H 3/16 Phillips	.20
150B0-3	S-18	Holds long switch contact in place Secures curtain guides	7- 2-	4 6	#0 FH 3/16"	.20
150B1-3		Holds shift slide spring to case	7-30	1	#1 FH 3/16"	.20
150B1-6	S-18	Holds body release plate assembly to case	7-32	6	#1 FH 3/8''	.20
		Holds back to case for Graphic and Graflok backs	8-3 9-3	1 1		
150B1-8		Holds shutter mechanism to camera	2-8	4	#1 FH 1/2"	.20
150B2-3	S-18	Holds top back mounting lug in place Holds bed brace plates in place	7- 2-26	4 4	#2 FH 3/16''	.20
150B2-4	S-18	Holds bed brace plates in place Holds side tripod socket to case	2-27 7-35B	8 3	#2 FH 1/4''	.20
150B2-8	S-18	Holds blocks to contact frame	2-14	4	#2 FH 1/2"	20
150B2-12		Holds frame assembly to camera	2-	4	#2 FH 3/4"	.40
151-1-3	S-7	Holds end of body cable release spring	2-18	2	#1 RH 3/16"	.20
151-2-3	P-21	Anchors end of cable release in place	2-19	1	#2 RH 3/16"	.20

Part No.	Finish	Use	Fig. Ref.	Qty.	Description	Net per 25
151B0-2		Holds contacts to body	7-28	2	#0 RH 1/8"	.20
151B1-3		Holds contacts to contact frame	2-	2	#1 RH 3/16"	.20
151B2-4	S-18	Holds bottom tripod socket to case	7-35E	3	#2 RH 1/4''	.20
152B1-8	L-26	Holds shutter plate to camera	2-3	2	#1 OH 1/2"	.20
152B4-8	S-18	Holds Graflite encircling bracket to camera	1-3	2 .	#4 OH 1/2"	.20
152B4-10	S-18	Holds Graflite encircling bracket to camera	1-4	1	#4 OH 5/8"	.20
152B1R4	Chrome	Holds body release plate in place	7-2	2	#1 OH 1/4" Phillips	.40
152B2R4	Chrome	Holds rear curtain bearing in place	7-18	AR	#2 OH 1/4" Phillips	.40
170D3-3	P-15	Adjusts tension on pinion pad	6-12A	1 .	#3-48 slotted headles set 3/16"	s .20
30921-P6	S-7	Holds back to case on Crown	8-2 9-1 & 2 10-	4 4 4	#2 Self tapping Pan H	.20
		Top screws that hold back to camera case on Speed	8-2 9-2 10-	2 2 2		
30921-P7	S-7	Bottom screws that hold back to camera case on Speed	8-1 9-1 10	2 2 2	#2 Self tapping Pan H	.20
Sp	ecial Scre	ws				
30187-P1		Holds escapement to shutter plate	4-2	2		1.20
30213-P1		Holds shutter mechanism to camera	2-5	1		.60
30401-P1		Slidelock screw	5-8	4		1.20
30543-P1		Front standard tilt locking screw	5-24	2		4.80
30661		Infinity stop (rear)	1-19A	2	pointed	.40
30662		Infinity stop	1-19B	2	flat point	.40
30749-P1		Holds body release plate in place	7-3	2	special	1.20
30776		Rangefinder mounting	1-11	1		.80
3 0819		Index and focus scale	1-14	4		.20
30830	Chrome	Holds rangefinder bracket assembly to yoke case section	6-7B	2		.80
30939-P1		Holds slidelock to camera back	8-17 8-20 10-5	2 2 4	special	2.40
30949		Holds end of cable release to body release	2-20	1		.20

Part No.	Finish	Use	Fig. Ref.	Qty.	Description	Net per 25
31089-P4		Holds yoke guide to bed	6-2	2	Special 1/4" #2-56 Bind H	.20
31134	S-18	Rangefinder mounting	1-7	2		.20
31238		Holds curtain pressure spring to back	9-16	2		.20
31246-P2		Yoke lock lever limiting screw	6-3	1	Special Fil H	.20
31270-P1		Holds focusing frame spring to camera back	9-7	2		.40
31925-P2		Yoke guide case screw	2-28	4		.40
Nu	ts					
200-2H		Holds governor mechanism together	4-15B	2		.20
200-3S		Holds case foot in place	7-34	4		.40
30375-P1		Nut for handle bracket	7-15	2		1.00
30377-P1		Nut for slidelock screw	5-9	4		.60
30440-P1		Front standard eccentric nut	5-25	2		3.60
30553-P1		Front standard lever assembly lock nut	5-27	1		1.00
30843-P1		Cable release nut for manual trip rod	5-4A	2		1.60
Wo	ahona					
<u>w a</u> 221-2	shers	Washer for 102-2-5	4-10	1		.20
221-2		Lock washer for Nut 200-2H that holds governor mechanism together	4-15C	2		.20
		Washer for part 102B2-4	7-	2		
221-3		Lock washer for part 102B3-4	7-22	1		.20
30358		Receptacle washer	3-3	1		.20
3 0 36 8		Peepsight washer	8-23 9-15	1 1		.40
			10-	1		
30473-P1		Washer for focusing frame spring screw	9-8	2		.20
30473-P2		Washer for slidelock screw	5-10	4		.20
30473-P6		Front frame clamp washer	5-3	2		.20
30473-P7		Washer for front standard locking screw	5-23	2		.20
30473-P9		Washer for front standard locking screw	5-31	1		.40
30473-P11		Yoke lock lever washer	6-5	AR		.20
30473-P15		Curtain & rollers washer	2-10	1		.20
30473-P20	L ¹	Washer for slidelock screw	5-11	4		.20

Section 5 Standard Hardware

Part No. Finish	Use	Fig. Ref.	Qty. Description	Net on per 25
30473-P22	Front standard tilt locking washer	5-24	4	.20
30473-P24	Curtain & rollers washer	2-10	AR	.20
30473-P36	Graflite mounting bracket	1-	3	.20
30473-P44	Washer for part 102B3-4	7-23	2	.20
30473-P52	Graflok back, panel, arm washer	8-11 8-14	1 1	.20
30540-P1	Washer for front standard locking lever	5-32	1	.40
30540-P3	Washer for slidelock screw	5-12	4	.40

Finish	Code
L-26 P-15 P-21	Black wrinkle White nickel Cadmium
S-7	Jetal
S-18	Ebonol

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.

State quantity. Prices subject to change without notice.